

MATERIAL SAFETY DATA SHEET



WORLD HEADQUARTERS
HACH COMPANY
P.O. BOX 398 LOVELAND, COLORADO 80537 U.S.A.

HACH EUROPE
BP 51
B5000 Namur 1
Belgium

I. PRODUCT IDENTIFICATION			
CAT. NO.	20600	TRADE NAME	PAO Phenylarsine Oxide 0.2068 ± .0001N
CAS NO.	Not applicable	CHEMICAL NAME	Not applicable
FORMULA	Not applicable	CHEMICAL FAMILY	Not applicable
			EMERGENCY TELEPHONE NO. AMES, IOWA 515-232-2533

II. HAZARDOUS INGREDIENTS						
INGREDIENT	%	TWA	CAS NUMBER	NATURE of HAZARD	RCRA NO.	Ref.
Organic solvent	< 75	10ppm		May be embryotoxic (See Note*)	-	
Phenylarsine Oxide	< 5	-	637-03-6	corrosive	-	

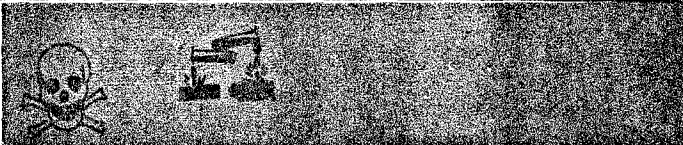
III. PHYSICAL DATA			
Solid		Appearance and Odor	Solubility in Water
Liquid	xx	clear colorless	Not determined
Boiling Pt.	ND	Melting Pt.	Not applicable
Specific Gravity	ND	pH	6.7 ± 0.1
Evaporation Rate	Not determined	Metal Corrosivity	Not determined
		Vapor Pressure (mmHg)	Not determined
		Vapor Density (Air=1)	Not determined

IV. FIRE and EXPLOSION HAZARD DATA			
Flash Point (Method Used: > 58°C)	Flammability Limits	Lower 2%	Upper 15%
Susceptibility to Spontaneous Heating	Shock Sensitivity	Fire Point °C	Auto Ignition Point °C
None	None	Not determined	> 445 °C
Extinguishing Media:	Water	CO ₂	Foam xx Dry Chemical xx Other:
Unusual Fire and Explosion Hazards			Moderate hazard when near heat or flame.

V. HEALTH HAZARD DATA												
Acute Toxicity						Rate of Degradation						
Not determined						Route of Most inhalation						
						Detrimental Exposure skin absorption						
						3						
NFPA		Eyes			Skin			Respiratory Tract			Target Organs for Acute Toxicities	
		Yes	No	Ref.	Yes	No	Ref.	Yes	No	Ref.		
Corrosive		X			X			X				
Sensitizing			X			X			X			
Irritating			X			X			X			
Chronic Toxicity						Route of Most Detrimental Exposure						
Target Organs						liver; fetus						
Effects of Over Exposure						embryotoxicity, liver problems; nausea, abdominal pains.						
Long Term Effects*						Ref. Route of Exposure						
Target Organs												

* Note: In laboratory tests, application of an ingredient in this substance to the skin of pregnant rats caused fetal deaths when the dosages were close to the lethal dose level for the mother. Avoid inhalation and contact with this product.

VI. PRECAUTIONARY MEASURES

For Customer Use Wash thoroughly after handling. Avoid contact with eyes, skin and clothing. Do not breathe chemicals. Keep container closed. Use only with adequate ventilation.	Respiratory Protection hood	Protective Gloves butyl rubber gloves
	Eye Protection goggles	Other lab coat
For International Use EEC Cautionary Codes R- 20 - 34 - 39 S- 24 - 26 - 36 - 44		
Storage Precautions Protect from U.V. light. Keep tightly closed, away from flames.		
Production Hazards Do not inhale solvent. Avoid contact with PAO and solvent.	Eye/Face Protection face shield - P and P (29 CFR) Protective Gloves butyl rubber gloves - P and P Respiratory Protection respirator - P and P (29 CFR) Protective Clothing butyl rubber boots and apron or chemical suit - P and P	

VII. FIRST AID

Call your local Poison Center or Physician first. Have them call: Hach Company 515 232-2533 or TWX:910-520-1158. (24 Hour Safety Service)	
EYE CONTACT:	Immediately flush eyes with water for 15 minutes. Call physician.
SKIN CONTACT:	Flush with water for 15 minutes. Remove contaminated clothing. Call physician.
INGESTION:	Give a slurry of powdered activated charcoal. Induce vomiting by sticking finger down throat. Never give anything by mouth to an unconscious person. Call physician.
INHALATION:	Remove to fresh air. Give artificial respiration if necessary. Call physician.
EEC CODE: S:	26 - 45

VIII. REACTIVITY DATA

Shelf Life 6-12 Mo.	Strong Oxidizer: Yes No XXX	Hazardous Polymerization Possible: Yes No XXX
Hazardous Decomposition Products		
Conditions to Avoid Oxidizing materials, halogenated hydrocarbons, and inorganic nitrates.		

IX. SPILL AND DISPOSAL PROCEDURES

In Case of Spill or Release	Large spills: Dike spill with sand or earth. Absorb with sand or other non-flammable absorbent. Transfer to steel drums for recovery or disposal. Flush away remaining traces with water. Small spills: Comply with Fed., State, local regulations. If approved, can be disposed of by incineration, bio-oxidation or removal to licensed hazardous waste disposal site. Dispose of in accordance with Federal, State and Local regulations. R: land fill.
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X. TRANSPORTATION REQUIREMENTS

DOT Classification Poison B UN2810	PSN: Poisonous liquid, n.o.s. (Phenylarine Oxide solution)
IMCO Classification 6.1 UN2810	PSN: Poisonous liquid, n.o.s. (PAO solution)
IATA Classification Poison B art 1438	PSN: Poisonous liquid, Class B, n.o.s. (PAO solution)

PREPARED BY: Mary Kay Masching REVISION NUMBER:	DATE ISSUED: NOV 12 1981 APPROVED: <i>James J. Shatt</i> DATE ISSUED:
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